

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074812.D
 Acq On : 08 Nov 2022 19:16
 Operator : VA/SY
 Sample : N5494-13RE
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-23RE

Quant Time: Nov 08 23:39:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	129327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	197662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	175525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	72063	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59400	57.991	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.980%
35) Dibromofluoromethane	7.804	113	86904	74.325	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	148.640%#
50) Toluene-d8	10.269	98	250342	58.696	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.400%
62) 4-Bromofluorobenzene	12.569	95	69106	56.117	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.240%

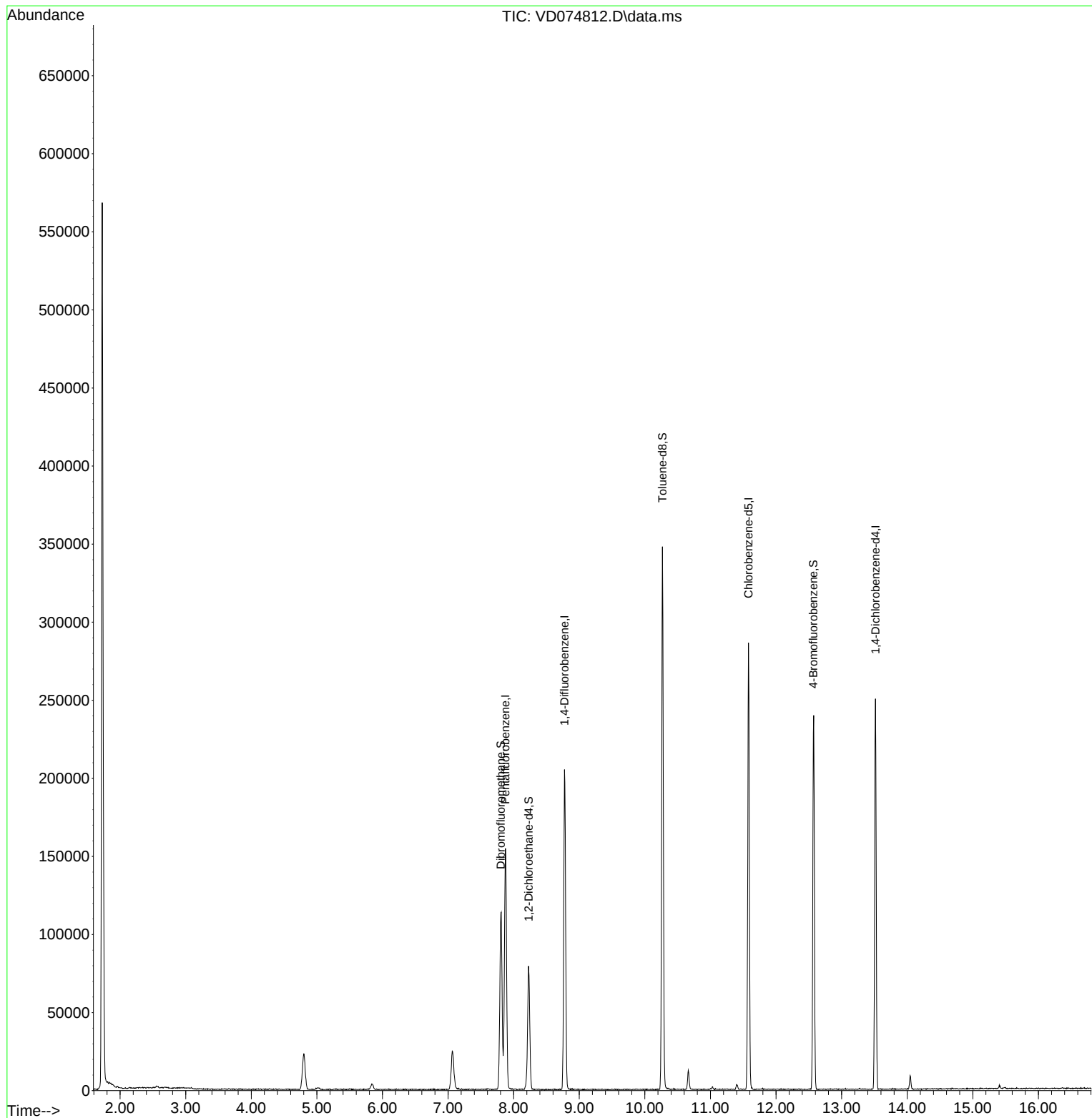
Target Compounds	Qvalue

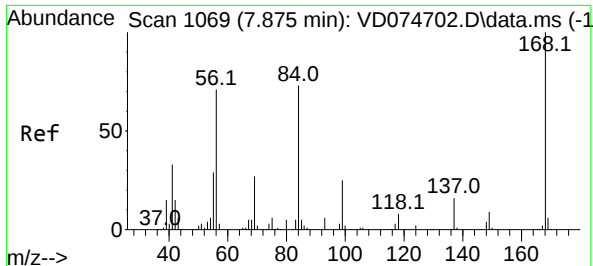
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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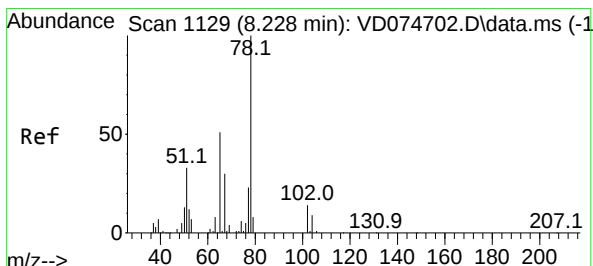
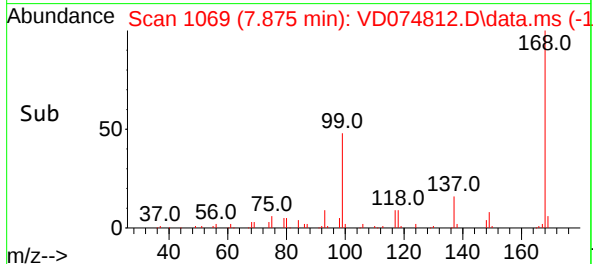
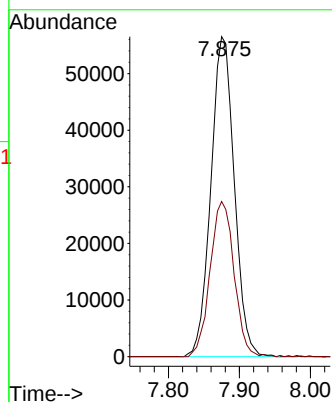
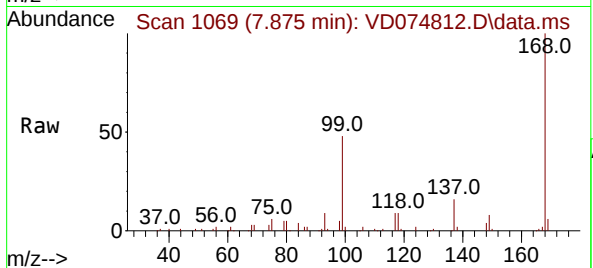




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

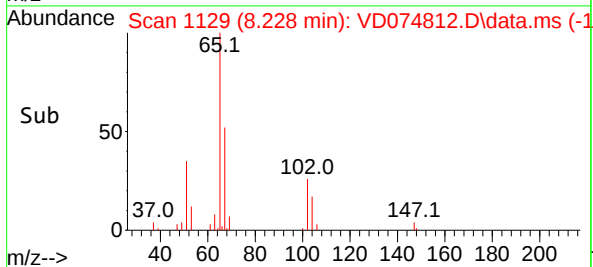
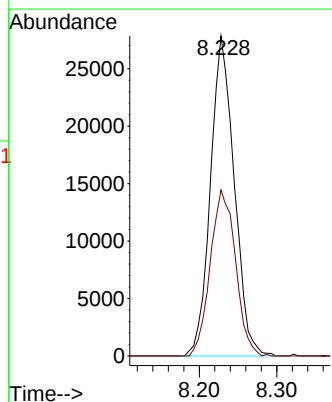
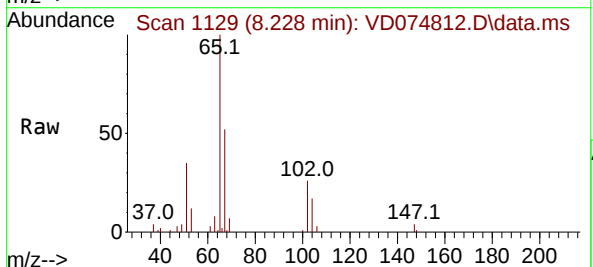
Instrument :
MSVOA_D
ClientSampleId :
SB-23RE

Tgt Ion:168 Resp: 129327
Ion Ratio Lower Upper
168 100
99 48.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 57.991 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

Tgt Ion: 65 Resp: 59400
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074812.D

Acq: 08 Nov 2022 19:16

Instrument :

MSVOA_D

ClientSampleId :

SB-23RE

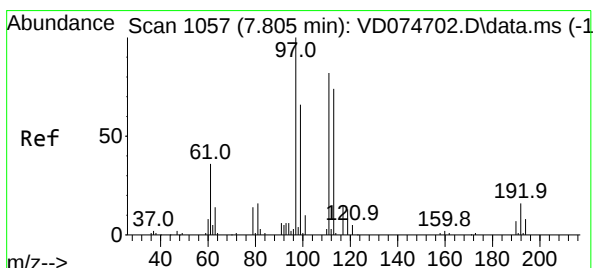
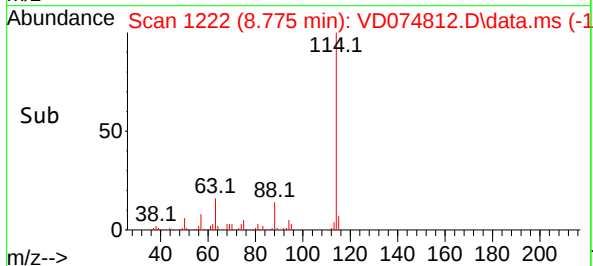
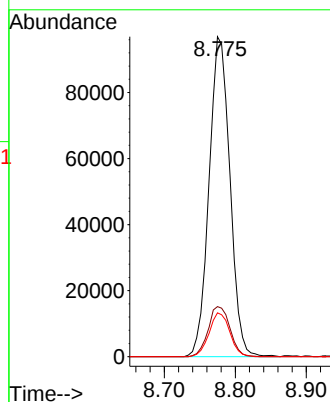
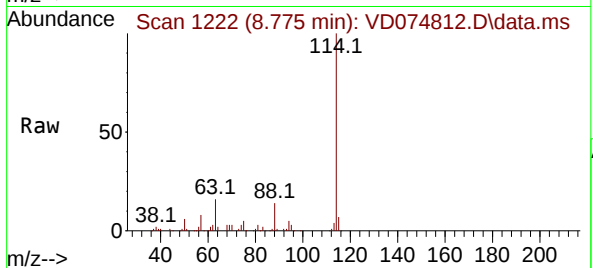
Tgt Ion:114 Resp: 197662

Ion Ratio Lower Upper

114 100

63 15.6 0.0 33.2

88 13.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 74.325 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074812.D

Acq: 08 Nov 2022 19:16

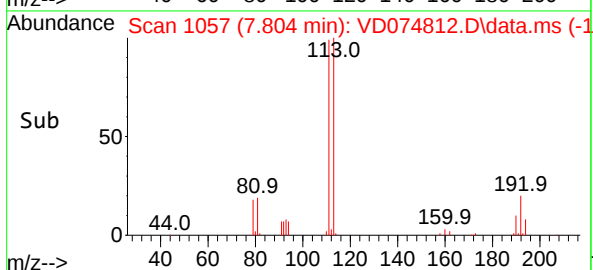
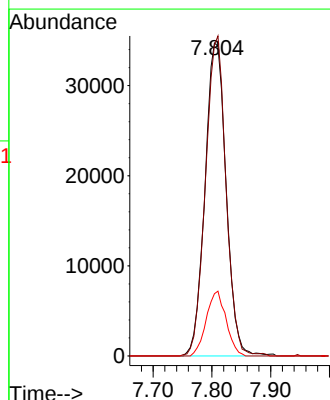
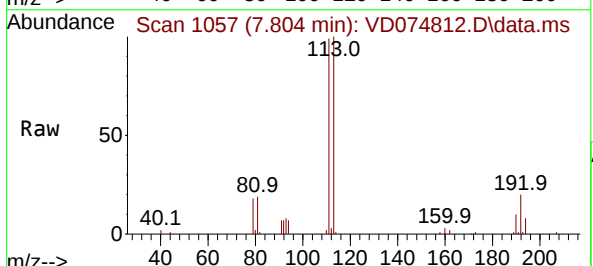
Tgt Ion:113 Resp: 86904

Ion Ratio Lower Upper

113 100

111 99.0 82.3 123.5

192 19.4 16.4 24.6

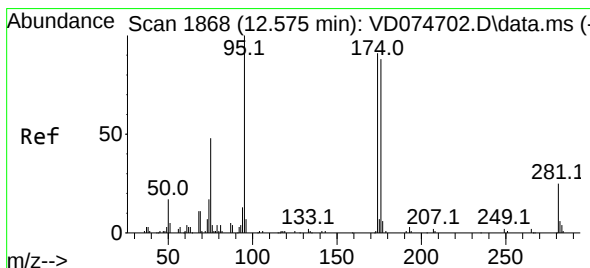
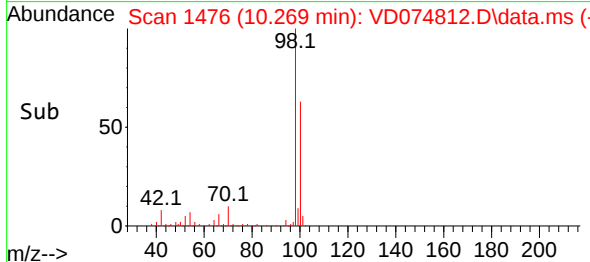
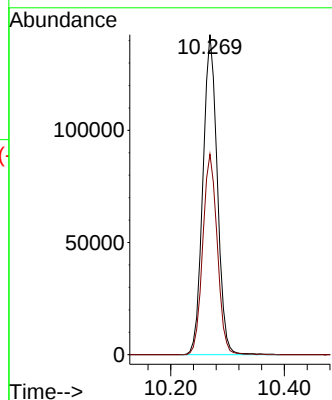
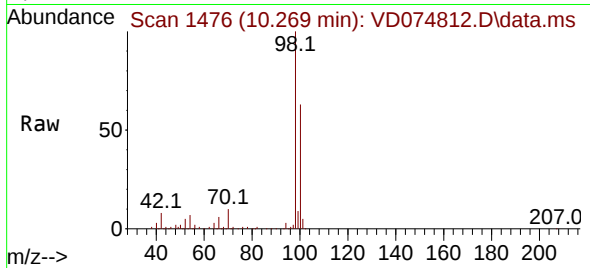




#50
Toluene-d8
Concen: 58.696 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

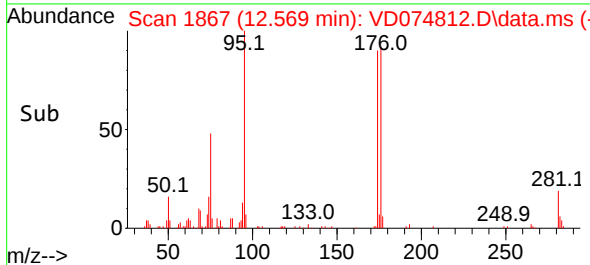
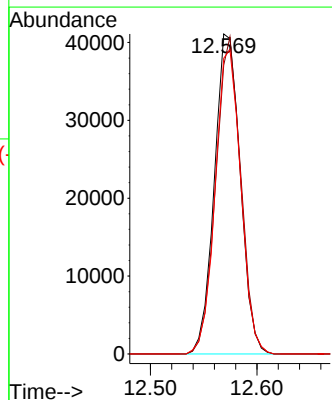
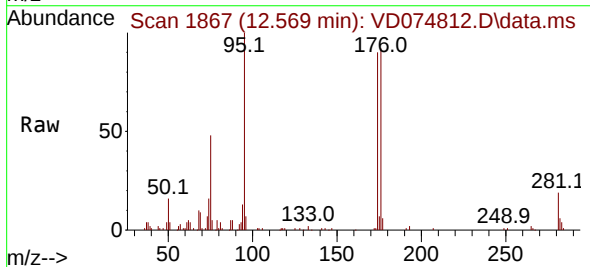
Instrument :
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ClientSampleId :
SB-23RE

Tgt Ion: 98 Resp: 250342
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 56.117 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

Tgt Ion: 95 Resp: 69106
Ion Ratio Lower Upper
95 100
174 95.7 0.0 197.0
176 94.3 0.0 182.6

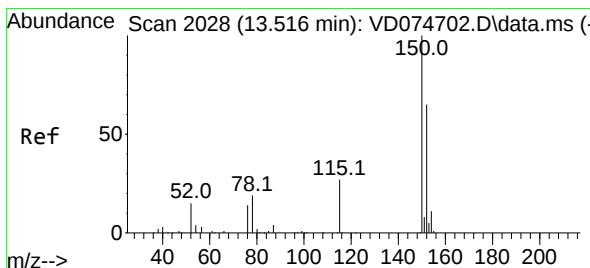
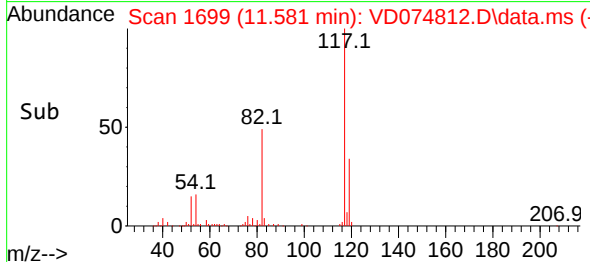
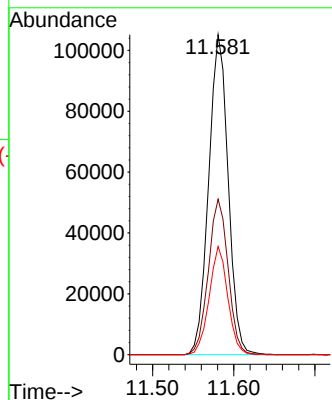
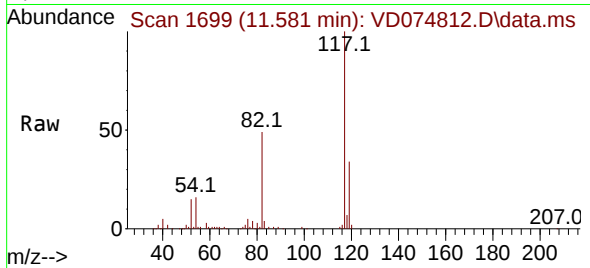




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

Instrument :
MSVOA_D
ClientSampleId :
SB-23RE

Tgt Ion:117 Resp: 175525
Ion Ratio Lower Upper
117 100
82 48.6 41.6 62.4
119 33.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074812.D
Acq: 08 Nov 2022 19:16

Tgt Ion:152 Resp: 72063
Ion Ratio Lower Upper
152 100
115 53.9 26.8 80.4
150 158.5 0.0 348.2

